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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/678,288	10/03/2003	Toshiya Wakatsuki	5445-031822	3488	
	28289 7590 02/11/2008 THE WEBB LAW FIRM, P.C.			EXAMINER	
700 KOPPERS BUILDING 436 SEVENTH AVENUE			NGUYEN, CAM N		
PITTSBURGH,	-		ART UNIT	PAPER NUMBER	
			1793		
			MAIL DATE	DELIVERY MODE	
			02/11/2008	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/678,288	WAKATSUKI ET AL.	
Office Action Summary	Examiner	Art Unit	
	Cam N. Nguyen	1793	
The MAILING DATE of this communication ap Period for Reply	ppears on the cover sheet with the	correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING IT Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period. Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATIO .136(a). In no event, however, may a reply be tild will apply and will expire SIX (6) MONTHS from te, cause the application to become ABANDONE	N. mely filed the mailing date of this communication. ED (35 U.S.C. § 133).	
Status			
Responsive to communication(s) filed on 11/2 2a) This action is FINAL . 2b) Th Since this application is in condition for allowed closed in accordance with the practice under	is action is non-final. ance except for formal matters, pr		
Disposition of Claims			
4) Claim(s) 1 and 2 is/are pending in the application Papers 4a) Of the above claim(s) is/are withdrays 5) Claim(s) is/are allowed. 6) Claim(s) 2 is/are rejected. 7) Claim(s) 1 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on originally filed is/are:	awn from consideration. for election requirement.	by the Evaminer	
Applicant may not request that any objection to the Replacement drawing sheet(s) including the corre	e drawing(s) be held in abeyance. Se ction is required if the drawing(s) is ob	e 37 CFR 1.85(a). ojected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreig a) All b) Some * c) None of: 1. Certified copies of the priority documer 2. Certified copies of the priority documer 3. Copies of the certified copies of the pri application from the International Burea * See the attached detailed Office action for a list	nts have been received. nts have been received in Applicat ority documents have been receiv au (PCT Rule 17.2(a)).	ion No ed in this National Stage	
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal I 6) Other:	ate	

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DETAILED ACTION

Response to Amendment

1. Applicants' amendment and remarks, filed November 21, 2007, has been made of record and entered. Claims 1 & 2 have been amended. Claims 3 & 4 have been canceled.

Claims 1-2 are currently pending in this application.

Claim Objections

2. Claim 1 is objected to because of the following informalities:

In claim 1, line 4-6, the way the claim is written is confusing. It is suggested that the claim amended as follows.

--catalytic-activity particles, distributed on the surface of the porous <u>carrier</u> body and produced by activating a complex oxide, wherein 80% or more of the catalytic-activity particles are 3.5 nm or less in size; <u>the catalytic-activity particles are produced by activating a complex</u> oxide, --

Appropriate correction is required.

Claim Rejections - 35 USC § 112 (Second Paragraph)

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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4. Claim 2 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claim recites "wherein the catalytic-activity particles are Ni, Co or a mixture of Ni and Co". However, it would appear from the process limitations and steps set forth in the body of claim 1 that the catalytic-activity particles should contain both the catalytic-activity constituent and the carrier-forming constituent because the catalytic-activity particles are produced from activating a complex oxide comprises at least one "catalytic-activity constituent" of Ni and Co and at least one of the "carrier-forming constituent" selected from the compounds of Mg, Al, Zr, Ti, and Ca. Thus, claim 2 does not include the carrier-forming constituent as part of the catalytic-activity particles, which renders the claim unclear, vague and indefinite.

Response to Applicants' Arguments

5. Applicants' amendment and response filed on November 21, 2007 has been fully considered, but not deemed persuasive in view of the new ground of rejection(s) and/or objection(s) above and the following reasons.

Conclusion

6. Claims 1-2 are pending. Claim 1 is objected. Claim 2 is rejected. No claims are allowed.

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Contacts

7. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Primary Examiner Cam N Nguyen, whose telephone number is

571-272-1357. The examiner can normally be reached on M-F, 9:00 AM - 6:30 PM, at

alternative work site.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Stanley Silverman, can be reached on 571-272-1358. The fax phone number for the

organization where this application or proceeding is assigned is 571-272-8300.

Information regarding the status of an application may be obtained from the Patent

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system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Cam N. Nguyen/

Primary Examiner

Art Unit: 1793

/C.N.N/

Primary Examiner, 1793

February 01, 2008